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(54) Title: COATING COMPOSITIONS CONTAINING LEVELLING AGENTS PREPARED BY NITROXYL MEDIATED POLYMERISATION

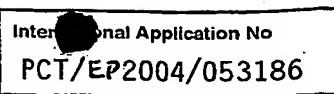
(57) Abstract: The present invention relates to coating compositions containing a polymeric or copolymeric levelling agent, which has been prepared by nitroxyl - mediated polymerisation. Further aspects are a process for the preparation of smooth surface coatings and the use of said polymer or copolymer as levelling agent in coating compositions. Yet another aspect are specific ethylenically unsaturated monomer compositions from which copolymers can be obtained by atom transfer radical polymerisation or nitroxyl mediated polymerisation, which copolymers are useful as levelling agents in coating compositions. Still another aspect is the use of poly-tert.-butyl acrylate or poly-tert.butylmethacrylate as a levelling agent in powder coating compositions.







INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C09D157/12 C09D201/00								
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According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED Minimum documentation searched (dassification system followed by classification symbols) IPC 7 C09D C08F								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic da	ata base consulted during the International search (name of data bas	se and, where practical, search terms used)						
EPO-Internal, PAJ								
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the rela	evant passages	Relevant to claim No.					
A .	PATENT ABSTRACTS OF JAPAN vol. 018, no. 632 (C-1280), 2 December 1994 (1994-12-02) & JP 06 240201 A (DAINIPPON INK 8 INC), 30 August 1994 (1994-08-30) abstract		1-20					
A	US 6 197 883 B1 (BARKAC KAREN A 6 March 2001 (2001-03-06) cited in the application claim 1	ET AL)	1-20					
Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed i	n annex.					
"A" docume consider a filing of the consider a filing of the constant of the c	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the International filing date but han the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family						
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-	Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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